
Bridge
Inspection
Records
Information
System

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State of California
Department of Transportation

**Division of Maintenance
Structures Maintenance & Investigations**



DEPARTMENT OF TRANSPORTATION
Structure Maintenance & Investigations

Bridge Number : 55C0185
Facility Carried: OLIVE HILL RD
Location : 50' S MOJESKA CYN RD
City :
Inspection Date : 29-MAY-01

Bridge Inspection Report

Inspection Type

Routine Group A Underwater Special Other

Name : SANTIAGO CREEK

CONSTRUCTION INFORMATION

Year Built : 1970
Year Widened : N/A
Length (m) : 11
Skew (degrees): 0
No. of Joints : 0
No. of Hinges : 0

Description of Structure : Single span CIP/RC rigid frame slab, all supported upon spread footings.

Span Configuration : (S) 1 @ 10.4 m (N) c/c

LOAD CAPACITY AND RATINGS

Design Live Load : OTHER OR UNKNOWN
Inventory Rating : 40.8 metric tons
Operating Rating : 69.8 metric tons
Permit Rating : P P P P P
Posting Load : Type 3 N/A english tons
Calculation Method : LOAD FACTOR
Calculation Method : LOAD FACTOR
Type 3S2 N/A english tons
Type 3-3 N/A english tons

DESCRIPTION ON STRUCTURE

Bridge width : (W) 0.1 m br, 4.7 m, 0.1 m br (E)
Total Width : 4.9 m
Net Width : 4.70 m
Rail Description : MBGR
Min. Vertical Clearance : Unimpaired
No. of Lanes : 1
Rail Code : 0000

DESCRIPTION UNDER STRUCTURE

Channel Description : Natural earth trapezoidal with a cobbled bottom.

CONDITION OF STRUCTURE

The metal beam guard railing (3.0 m) is damaged at the southeast quadrant.

Otherwise, the structure is in good condition.

ELEMENT LEVEL INSPECTION RATINGS

F#	Elem No.	Element Description	Env	Total Units Quantity	Qty in each Condition State				
					St. 1	St. 2	St. 3	St. 4	St. 5
01	38	Concrete Slab - Bare	2	50 sq.m.	50	0	0	0	0
01	215	Reinforced Conc Abutment	2	10 m.	10	0	0	0	0
01	337	Metal Railing (W6X25 Posts)	2	40 m.	37	3	0	0	0

WORK RECOMMENDATIONS - NONE

Bridge No.: 55C0185

Location: 50' S MOJESKA CYN RD

Inspection Date: 29-MAY-01

Inspected By : M. Ogata

M. Ogata
Registered Civil Engineer



CC : TMRut
Orange County

STRUCTURE INVENTORY AND APPRAISAL REPORT

***** IDENTIFICATION *****

(1) STATE NAME - CALIFORNIA 069
(8) STRUCTURE NUMBER 55C0185
(5) INVENTORY ROUTE (ON/UNDER) - ON 1 40 000000
(2) HIGHWAY AGENCY DISTRICT 12
(3) COUNTY CODE 059 (4) PLACE CODE 00000
(6) FEATURE INTERSECTED - SANTIAGO CREEK
(7) FACILITY CARRIED - OLIVE HILL RD
(9) LOCATION - 50' S MOJESKA CYN RD
(11) MILEPOINT/KILOMETERPOINT 0
(12) BASE HIGHWAY NETWORK - NOT ON NET 0
(13) LRS INVENTORY ROUTE & SUBROUTE
(16) LATITUDE 33 DEG 42 MIN 32 SEC
(17) LONGITUDE 117 DEG 37 MIN 33 SEC
(98) BORDER BRIDGE STATE CODE % SHARE %
(99) BORDER BRIDGE STRUCTURE NUMBER

***** STRUCTURE TYPE AND MATERIAL *****

(43) STRUCTURE TYPE MAIN: MATERIAL - CONCRETE
TYPE - SLAB CODE 1 01
(44) STRUCTURE TYPE APPR: MATERIAL -
TYPE - CODE
(45) NUMBER OF SPANS IN MAIN UNIT 1
(46) NUMBER OF APPROACH SPANS 0
(107) DECK STRUCTURE TYPE CIP CONCRETE CODE 1
(108) WEARING SURFACE / PROTECTIVE SYSTEM:
A) TYPE OF WEARING SURFACE - CONCRETE CODE 1
B) TYPE OF MEMBRANE - NONE CODE 0
C) TYPE OF DECK PROTECTION - NONE CODE 0

***** AGE AND SERVICE *****

(27) YEAR BUILT 1970
(106) YEAR RECONSTRUCTED 0000
(42) TYPE OF SERVICE: ON - HIGHWAY 1
UNDER - WATERWAY 5
(28) LANES: ON STRUCTURE 01 UNDER STRUCTURE
(29) AVERAGE DAILY TRAFFIC 100
(30) YEAR OF ADT 1998 (109) TRUCK ADT %
(19) BYPASS, DETOUR LENGTH 199 KM

***** GEOMETRIC DATA *****

(48) LENGTH OF MAXIMUM SPAN 10.4 M
(49) STRUCTURE LENGTH 11 M
(50) CURB OR SIDEWALK: LEFT 0 M RIGHT 0 M
(51) BRIDGE ROADWAY WIDTH CURB TO CURB 4.7 M
(52) DECK WIDTH OUT TO OUT 4.9 M
(32) APPROACH ROADWAY WIDTH (W/SHOULDERS) 4.9 M
(33) BRIDGE MEDIAN - CLOSED (NO BARRIER) 2
(34) SKEW 0 DEG (35) STRUCTURE FLARED NO
(10) INVENTORY ROUTE MIN VERT CLEAR 99.99 M
(47) INVENTORY ROUTE TOTAL HORIZ CLEAR 4.7 M
(53) MIN VERT CLEAR OVER BRIDGE RDWY 99.99 M
(54) MIN VERT UNDERCLEAR REF - NOT H/RR 0 M
(55) MIN LAT UNDERCLEAR RT REF - NOT H/RR 0 M
(56) MIN LAT UNDERCLEAR LT 0 M

***** NAVIGATION DATA *****

(38) NAVIGATION CONTROL - NOT APPLICABLE CODE N
(111) PIER PROTECTION - NOT REQUIRED CODE 1
(39) NAVIGATION VERTICAL CLEARANCE 0 M
(116) VERT-LIFT BRIDGE NAV MIN VERT CLEAR 0 M
(40) NAVIGATION HORIZONTAL CLEARANCE 0

***** SUFFICIENCY RATING = 80.9 *****

STATUS =

HEALTH INDEX = 100

***** CLASSIFICATION *****

(112) NBIS BRIDGE LENGTH - YES Y
(104) HIGHWAY SYSTEM - NOT ON NHS 0
(26) FUNCTIONAL CLASS - LOCAL URBAN 19
(100) DEFENSE HIGHWAY - NOT STRAHNET 0
(101) PARALLEL STRUCTURE - NONE EXISTS N
(102) DIRECTION OF TRAFFIC - 1 LANE, 2 WAY 3
(103) TEMPORARY STRUCTURE -
(105) FEDERAL LANDS HIGHWAY - NOT APPLICABLE 0
(110) DESIGNATED NATIONAL NETWORK - NOT ON NET 0
(20) TOLL - ON FREE ROAD 3
(21) MAINTAIN - COUNTY HIGHWAY AGENCY 2
(22) OWNER - COUNTY HIGHWAY AGENCY 2
(37) HISTORICAL SIGNIFICANCE - NOT ELIGIBLE 5

***** CONDITION *****

(58) DECK 7
(59) SUPERSTRUCTURE 7
(60) SUBSTRUCTURE 7
(61) CHANNEL & CHANNEL PROTECTION 8
(62) CULVERTS N

***** LOAD RATING AND POSTING *****

(31) DESIGN LOAD - OTHER OR UNKNOWN 0
(63) OPERATING RATING METHOD - LOAD FACTOR 1
(64) OPERATING RATING - 69.8
(65) INVENTORY RATING METHOD - LOAD FACTOR 1
(66) INVENTORY RATING - 40.8
(70) BRIDGE POSTING - Equal to or above legal loads 5
(41) STRUCTURE OPEN, POSTED OR CLOSED - A
DESCRIPTION - OPEN, NO RESTRICTION

***** APPRAISAL *****

(67) STRUCTURAL EVALUATION 7
(68) DECK GEOMETRY 7
(69) UNDERCLEARANCES, VERTICAL & HORIZONTAL N
(71) WATER ADEQUACY 9
(72) APPROACH ROADWAY ALIGNMENT 6
(36) TRAFFIC SAFETY FEATURES 0000
(113) SCOUR CRITICAL BRIDGES 8

***** PROPOSED IMPROVEMENTS *****

(75) TYPE OF WORK - CODE
(76) LENGTH OF STRUCTURE IMPROVEMENT M
(94) BRIDGE IMPROVEMENT COST
(95) ROADWAY IMPROVEMENT COST
(96) TOTAL PROJECT COST
(97) YEAR OF IMPROVEMENT COST ESTIMATE
(114) FUTURE ADT 100
(115) YEAR OF FUTURE ADT 2015

***** INSPECTIONS *****

(90) INSPECTION DATE 05/01 (91) FREQUENCY 24 MO
(92) CRITICAL FEATURE INSPECTION: (93) CFI DATE
A) FRACTURE CRIT DETAIL - NO -1 MO A)
B) UNDERWATER INSP - NO -1 MO B)
C) OTHER SPECIAL INSP - NO -1 MO C)



DEPARTMENT OF TRANSPORTATION
Structure Maintenance & Investigations

Bridge Number : 55C0185
Facility Carried: OLIVE HILL RD
Location : 50' S MOJESKA CYN RD
City :
Inspection Date : 08-DEC-00

Bridge Inspection Report

Inspection Type

Routine Group A Underwater Special Other

Name : SANTIAGO CREEK

CONSTRUCTION INFORMATION

Year Built : 1970 Skew (degrees): 0
Year Widened : N/A No. of Joints : 0
Length (m) : 11 No. of Hinges : 0

Description of Structure : Single span CIP/RC rigid frame slab, all supported upon spread footings.

Span Configuration : (S) 1 @ 10.4 m (N) c/c

LOAD CAPACITY AND RATINGS

Design Live Load : OTHER OR UNKNOWN
Inventory Rating : 40.8 metric tons Calculation Method : LOAD FACTOR
Operating Rating : 69.8 metric tons Calculation Method : LOAD FACTOR
Permit Rating : P P P P P
Posting Load : Type 3 N/A english tons Type 3S2 N/A english tons Type 3-3 N/A english tons

DESCRIPTION ON STRUCTURE

Bridge width : (W) 0.1 m br, 4.7 m, 0.1 m br (E)
Total Width : 4.9 m Net Width : 4.70 m No. of Lanes : 1
Rail Description : MBGR Rail Code : 0000
Min. Vertical Clearance : Unimpaired

DESCRIPTION UNDER STRUCTURE

Channel Description : Natural earth with a gravel bottom.

HISTORY

This is a single span structure and past Supplementary Bridge Reports do not indicate problems pertaining to scour.

REVISIONS

The National Bridge Inspection Item 113 Code has been revised from 6 to 8.

SCOUR

This report addresses hydraulic issues only. The structure's scour potential has been assessed in accordance with the FHWA Technical Advisory T5140.23, "Evaluating Scour at Bridges." The NBI Item 113, "Vulnerability to Scour," is changed to 8: "Bridge foundation determined to be stable for assessed or calculated scour conditions; calculated scour is above top of footing".

This report was generated based on an office review.

This is a single span structure with no history of hydraulic concerns.

MISCELLANEOUS

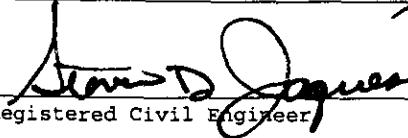
No as-built plans have been found in Caltrans database. A request for as-built plans will be sent to the Orange County.

Bridge No.: 55C0185

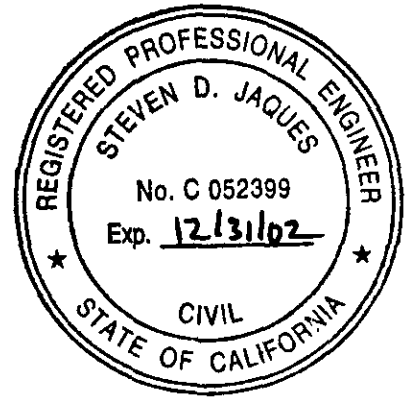
Location: 50' S MOJESKA CYN RD

Inspection Date: 08-DEC-00

Inspected By : Hossein Azizi



Registered Civil Engineer



CC : TMRut: DSM&I
Makoto Ogata: ABME, South
Steve Jaques: Hyd

Bridge Number 55C-185

TYPE OF INVESTIGATION/REPORT			
BIENNIAL	<u>X</u>	DAMAGE	___
CATEGORY A	___	OTHER	___
UNDERWATER	___	OFFICE	___

Location 12 - Ora - CR
Dist.-Co.-Rte.-City

Date of Investigation July 5, 1995

Name SANTIAGO CREEK (Olive Hill Road, 50' south of Modjeska Canyon Road)

CONDITION RATINGS:

Condition ratings of all bridge elements are shown on the PONTIS DATA FORM (Attachment A).

Channel & Channel Protection

8

SCOUR CRITICAL:

A scour rating of A-3 is appropriate.

CONDITION OF STRUCTURE:

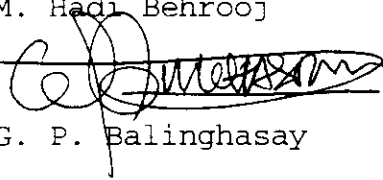
Condition of structure is good.

WORK RECOMMENDED:

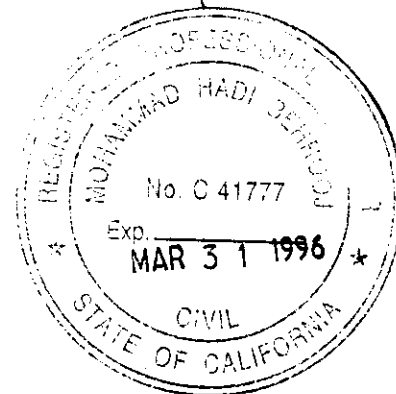
None.

M. Hadi Behrooj ^{MHB}

By


G. P. Balinghasay

GPB:cd
cc: CDHarris
Orange County
WLindsey



PONTIS DATA FORM - PIA

BRIDGE NUMBER	FRAME	INSPECTION DATE
5 5 C 0 1 8 5	0 1	0 7 0 5 9 5
1 8	9	11 16

INFORMATION ONLY - NOT FOR UPDATE

SCOUR CRITICAL	NO
CATEGORY A	NO
FRACTURE CRITICAL	NO
ELIGIBLE FOR RAIL UPGRADE	NO
UNDERWATER INSPECTION	NO

DISTRICT	12
COUNTY	ORA
ROUTE	
POSTMILE	
NAME	

D E L	ELE #	ELEMENT DESCRIPTION	E N V	TOTAL QUANTITY	UNITS	QUANT				
						CONDITION STATE 1	CONDITION STATE 2	CONDITION STATE 3	CONDITION STATE 4	CONDITION STATE 5
5	1	CONCRETE ABUTMENT	2	1 0	M	1 0				
1	0	METAL BRIDGE RAILING	2	4 0	M	4 0				
1	3	CONCRETE SLAB - BARE	2	1	EA	1				
18	19		22	23		28	33	38	43	48

07/11/95

BY: GFB

Bridge Number 55C-185

TYPE OF INVESTIGATION/REPORT	
BIENNIAL <u>X</u>	DAMAGE <u> </u>
CATEGORY A <u> </u>	OTHER <u> </u>
UNDERWATER <u> </u>	OFFICE <u> </u>

Location 12 - Ora - CR
Dist.-Co.-Rte.-City

Date of Investigation April 22, 1993

Name SANTIAGO CREEK (Olive Hill Road, 50' south of Modjeska Canyon Road)

CONDITION RATINGS:


Condition ratings of all bridge elements are shown on the PONTIS DATA FORM (Attachment A).

Channel & Channel Protection

8

CONDITION OF STRUCTURE:

Condition of the structure is good.


Henry Ma

HM:cd
cc: INagai (2)
County of Orange



PONTIS DATA FORM - P I A

BRIDGE NUMBER		FRAME	INSPECTION DATE	
5	5	0	1	0
C	0			4
1	8			2
8	5			9
				3
1	8	9	11	16

INFORMATION ONLY - NOT FOR UPDATE

SCOUR CRITICAL	NO
CATEGORY A	NO
FRACTURE CRITICAL	NO
ELIGIBLE FOR RAIL UPGRADE	NO
UNDERWATER INSPECTION	NO

DISTRICT	12
COUNTY	ORA
ROUTE	***
POSTMILE	*****
NAME	

D E L	ELE #	ELEMENT DESCRIPTION	E N V	TOTAL QUANTITY	UNITS	QUANT CONDITION				
						STATE 1	STATE 2	STATE 3	STATE 4	STATE 5
	5 1	CONCRETE ABUTMENT; DRY	2	2	EA	2				
	1 0 1	METAL BRIDGE RAILING	2	1 3 0	LF	1 3 0				
	1 3 8	CONCRETE SLAB - BARE	2	1	EA	1				
18	19		22	23		28	33	38	43	48

H. MA

BY: J.M.

BRIDGE REPORT

14W14

Bridge No. 55C - 185

DS-MSB (REV. 1/91)

Location 12 - Ora - CR
Dist Co Rte City

REVISED ORIGINAL REPORT

Date of Investigation April 17, 1991

Name SANTIAGO CREEK (Olive Hill Road., 50' south of Modjeska Canyon Road)

Lat. 33° - 42.6'N Long. 117° - 37.5'W

Custodian County of Orange Owner County of Orange

STRUCTURAL DATA AND HISTORY

Year Built 1970 By County of Orange Contract No. Unknown

Designed by: County Plans Avail. @ County

Description: Single span CIP RC rigid frame slab on spread footing.

Spans (S) 34' (N)

Length 36' NBIS Bridge Length Yes Skew None

Number Of Intermediate Joints: @Hinges None @Bents None

Maximum Column/Pier Height: (Less than 20') X (20'-29') (30' & Over)

Design Live Load Unknown Design Method Unknown

DESCRIPTION - ON STRUCTURE

Bridge Width (W) 0.3'br. 15.5', 0.3'br (E)

Total Width 16' Net Width 15.5' Lanes 1 Tracks None

Median None Rail Type Metal beam 0000

Vert. Clearance over deck Unimpaired Appr. Rdwy. Width 16'

Deck Type 1 Wearing Surface/Prot. Sys. 100 Concrete/none

Alignment Tangent

DESCRIPTION - UNDER STRUCTURE

Roadway Section None

Clearances: Road: Vert. Horiz.Lt. ; Rt.

Lanes Tracks

Facilities Crossed Santiago Creek (E08)

April 17, 1991

DESCRIPTION - HYDRAULICS

Channel Natural stream with gravel bottom

Navigable: Yes No Clearances: Vert. Horiz.

Pier/Abutment Protection (For Navigation)

TRAFFIC INFORMATION

	DECK	YEAR	UNDER	YEAR
Average Daily Traffic & Year :	100 Est	1991	N	
Average Daily Traffic (Future) :	100 Est	2010	N	
Average Daily Trucks (% OF ADT) :	N		N	
Bypass Detour Length	99 miles		N	
Shell Route:	No		No	
Functional Classification :	<input type="checkbox"/> 09		<input type="checkbox"/> N	
LOAD RATINGS:	Inventory	HS 25	Operating	HS 43
	Permit	PPPPP	Computation Method	Load Factor

CONDITION RATINGS:

Deck 8 Superstructure 8 Substructure 8
 Channel & Channel Protection 8 Culvert N Widenable Yes

APPRAISAL RATINGS:

Waterway Adequacy 9 Approach Roadway Alignment 6

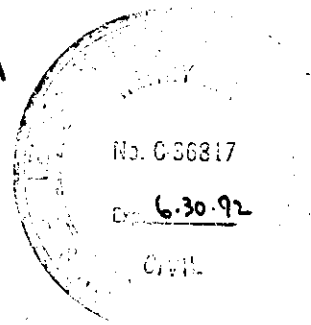
Date of Revisions _____

CONDITION OF STRUCTURE:

Condition of the structure is good.

Henry Ma
 Henry Ma

HM:ms
 cc: INagai (2)
 County of Orange



STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION
SUPPLEMENTARY BRIDGE REPORT
DS-1019 (REV. 1/89)

Bridge No. 55C-185
Location 12-Ora-CR
Dist. Co. Rte. City
Date of Investigation 4-12-89

Name SANTIAGO CREEK (Olive Hill Road, 50' south of Modjeska Canyon Road)

CONDITION RATING:

Deck 8 Superstructure 8 Substr.&Pipes 8
Channel & Channel Protection 6 Culvert N Widenable? Yes

TYPE OF INVESTIGATION/REPORT

BIENNIAL X DAMAGE _____
CATEGORY A _____ OTHER _____
UNDERWATER _____ OFFICE _____

CONDITION OF STRUCTURE:

Condition of the structure is good.

REVISION:

Location: 12-Ora-CR

Name: SANTIAGO CREEK (Olive Hill Road, 50' south of Mojeska Canyon Road)

WORK RECOMMENDED:

None.

RECOMMENDED POSTING:

None.

SUBSTRUCTURE CODING UPDATE:

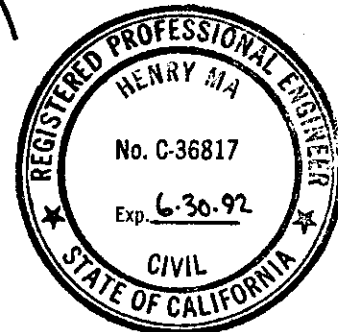
Single span structure.

2 RC open end diaphragm abutments on spread footing.


Henry Ma

HM/cd

cc: INagai (2)
County of Orange (2)



Bridge No. 55C-185
Location 7-Ora-CR
Dist - Co - Rte - Pk - City
Date of Investigation April 21, 1987

Name SANTIAGO CREEK (Olive Hill Rd. at Modjeska Canyon Rd.)

CONDITION RATING:			APPRAISAL RATING:				
Deck	8	Superstructure	8	Substr. & Pipes	8	Overall	8
Channel & Channel Protection	6	Retaining Walls	N				

Widenable? Yes No Conditional

Action Required By County Yes No

PRIORITY

- A - Immediate Action
- B - Early Scheduling
- C - Routine Maint.
- O - For Record Only

REVISION:

Average Daily Traffic - 1,000 (1985)

CONDITION OF STRUCTURE:

Overall condition of the structure is good.

RECOMMENDED POSTING:

None

WORK RECOMMENDED:

None

Henry Ma
Henry Ma

HM:pht

cc: INagai (2)
Orange County (2)



STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION
SUPPLEMENTARY BRIDGE REPORT
DH-05 B19 (REV. 1/74)

Bridge No. 55C-185
Location 7-Ora-CR
San - Co - Rd - Pd - City
Date of Investigation January 9, 1986

Name SANTIAGO CREEK (Olive Hill Road at Modjeska Canyon Road)

CONDITION RATINGS:

APPRAISAL RATINGS:

Deck 8 Superstructure 8 Substr. & Pipes 8 Overall 8
Channel & Channel Protection 6 Retaining Walls N

Widenable? Yes No Conditional

Action Required by County Yes No

PRIORITY

- A - Immediate Action
- B - Early Scheduling
- C - Routine Maint.
- O - For Record Only

CONDITION OF STRUCTURE:


The overall condition of the structure is good.

RECOMMENDED POSTING:

None

WORK RECOMMENDED:

None


Henry Ma
C-36817

HM:pdh
cc: INagai (2)
Orange County (2)

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION
SUPPLEMENTARY BRIDGE REPORT
DH-05 M19 (REV. 1/74)

14W14
Bridge No. 55C-185
Location 7-ORA-CR
Dist - Co - Rte - PM - City
Date of Investigation October 26, 1983

Name SANTIAGO CREEK (Olive Hill Road at Modjeska Canyon Road)

CONDITION RATING:

APPRAISAL RATING:

Deck 8 Superstructure 8 Substr. & Pipes 8 Overall 8
Channel & Channel Protection 6 Retaining Walls N

Widenable? Yes No Conditional

Action Required by ORANGE County Yes No

PRIORITY

A - Immediate Action
B - Early Scheduling
C - Routine Maint.
O - For Record Only

CONDITION OF STRUCTURE:

The overall condition of the structure is good.

RECOMMENDED POSTING:

None

RECOMMENDATION:

None

E. L. Neff

E. L. Neff
C-28703

ELN:pdh

cc: DRHiggins (2)
Orange County (2)

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION
SUPPLEMENTARY BRIDGE REPORT
DH-GS M19 (REV. 1/74)

Bridge No. 55C-185
Location 07-Ora-CR
Dist - Co - Rte - Pk - City
Date of Investigation October 19, 1981

Name SANTIAGO CREEK (Olive Hill Road at Modjeska Canyon Road)

CONDITION RATING:

APPRAISAL RATING:

Deck 8 Superstructure 8 Substr. & Pipes 8 Overall 8
Channel & Channel Protection 6 Retaining Walls (N)

Widenable? Yes No Conditional

County: Orange
Action Required by District: Yes No

CONDITION OF STRUCTURE:

The overall condition of the structure is good.

RECOMMENDED POSTING:

None.

E. L. Neff
E. L. Neff
C 28703

ELN:cd
cc: DRHiggins (2)
Orange County (2)

Bridge No. **55C-185**
Other No. **80-4**
P.U.C. No. _____
Location **07-022-0-CR**
Dist - Co - Rte - PM - City _____
Date of Investigation **May 18, 1978**

SEE REVISED
ORIGINAL REPORT

Name **SANTIAGO CREEK (Olive Hill Road at Madjeska Canyon Road)**
Lat. **33°-42.6'** Long. **117° - 37.5'**

STRUCTURAL DATA AND HISTORY

Year Built **1970** By **Orange County** Contract No. **--**
Date of Revisions _____
Designed by: B.D. _____ County _____ Plans Avail. @ _____ County _____
Description: **Single span RC rigid frame slab, supported spread footings.**

Spans **34'**
Length **36'** Skew **none** Design LL **--**
Ratings: Inventory **HS 25.0/LF** Operating **HS 43.0/LF** Permit **PPPPP/LF**

DESCRIPTION - ON STRUCTURE

Bridge Width **16.0'**
Total Width **16.0'** Lanes **1** Tracks **None**
Median **None** Rail Type **MSGR (0000)**
Vert. Clearance over deck **Unimpaled** Appr. Rdwy. Width **16'**
Wearing Surface **None** Deck Seal **None**
Alignment **Tangent**

DESCRIPTION - UNDER STRUCTURE

Roadway Section **None**
Clearances: Vert. _____ Horiz. _____ Lt. _____ Rt. _____
Lanes _____ Tracks _____ Pumpplant: None See Br. No. _____
Facilities Crossed **Santiago Creek**

Bridge No. 59C-185
 Date May 18, 1978

DESCRIPTION - HYDRAULICS

Channel Natural

Navigable: Yes No Clearances: Vert. _____ Horiz. _____

MAINTENANCE

Custodian Orange County Owner Orange County

**ORIGINAL
 CONDITION RATING**

Deck	<u>8</u>
Superstructure	<u>8</u>
Substructure & Pipes	<u>8</u>
Channel & Channel Protection	<u>6</u>
Retaining Walls	<u>--</u>
Approach Rdwy. Alignment	<u>6</u>
Estimated Remaining Life	<u>50</u>

**ORIGINAL
 APPRAISAL**

Overall	<u>8</u>
Deck Geometry	<u>6</u>
Underclearances	Vert. <u>--</u>
	Horiz. <u>--</u>
Safe Load Capacity	<u>9</u>
Waterway Adequacy	<u>8</u>
Approach Rdwy. Alignment	<u>9</u>

Widenable? Yes No Conditional

Action Required by District ~~XXXXXX~~ County Yes No

AVERAGE DAILY TRAFFIC: 150 • (1978)

EXCESS DETOUR LENGTH: 01

CONDITION OF STRUCTURE: The structure is in good condition.

LOAD CAPACITY: Calculated by the Office of Structures rating section.

J. B. Martin
 Original signed by
 by C. E. Broussard

CEB:kmb
 cc: District 07 Local Assistance
 Orange County (2)